

**CLAIMS**

1. Ventilated shelving storage system for cages containing laboratory animals, said storage system comprising:
  - one or more horizontal wall guides;
  - 5 - one or more shelf ventilation units, connected to said one or more horizontal guides;
  - one or more ventilated shelves connected in series to each of said ventilation units, said ventilation units with related ventilated shelving being able to run horizontally along said horizontal guides.
- 10 2. Storage system as in claim 1, wherein said ventilation units are connected to said horizontal guides so that they can be removed by means of a removable guide arm which comprises guide wheels engaged in said horizontal guides.
3. Storage system as in claim 1, wherein said ventilation units run along the horizontal guides by means of a removable motorised system.
- 15 4. Storage system as in claim 1, wherein one or more ventilated shelves are connected in series to each other and to each of said ventilation units with interconnection points set only along horizontal directions, so that they are securely interconnected for horizontal movement but at the same time can pivot with respect to each other in a vertical direction, thus compensating
- 20 for imperfections in the floor surface.
5. Storage system as in claim 3, wherein said removable motorised system can rotate a pinion connected to a rack forming part of said horizontal guide.
6. Storage system as in claim 3, wherein said motorised system is controlled by an electrical control system, with push-button panels for activation positioned on
- 25 the front of the ventilated shelving.
7. Storage system as in claim 3, wherein said motorised system is controlled via a remote-controlled electrical control system.
8. Storage system as in claim 3, wherein said motorised system comprises a photocell system, controlled by said electrical control system, for correct horizontal
- 30 positioning of each ventilation unit.
9. Storage system as in claim 1, wherein said one or more horizontal guides are also installed near doors or apertures that interrupt the wall, comprising

corresponding guide parts that can be removed or raised by means of a hinge.

10. Storage system as in claim 1, wherein said ventilation units with related ventilated shelving can run horizontally by means of pivoting wheels on the floor.

5 11. Storage system as in claim 10, wherein a directional lever is provided which, when operated, can block the pivoting of a wheel of a ventilated shelf in a fixed position, for example longitudinal, to facilitate manual movement, when said ventilated shelf is released.